

# Wouter Montfrooij

## List of Publications by Year in descending order

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15  
papers

89  
citations

1684188

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1474206

9  
g-index

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all docs

15  
docs citations

15  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protected percolation: a new universality class pertaining to heavily-doped quantum critical systems. Journal of Physics Communications, 2021, 5, 015008.	1.2	3
2	Modeling of neutron and x-ray scattering by liquids: The risks of using phenomenological models. Physics of Fluids, 2021, 33, .	4.0	3
3	Evidence for magnetic clusters in stoichiometric quantum critical $\text{CeRu}_2\text{Ge}_2$ . Physical Review B, 2021, 104, .	2.1	1
4	Effects of disorder on Harris-criterion violating percolation. Physical Review E, 2021, 104, 034110.	2.1	1
5	Quantum critical behavior in $\text{Ce}(\text{Fe}_{0.76}\text{Ru}_{0.24})_2\text{Ge}_2$ . Physical Review B, 2019, 99, .	3.2	5
6	Identification of the low-energy excitations in a quantum critical system. AIP Advances, 2017, 7, .	1.3	3
7	Extracting paramagnon excitations from resonant inelastic x-ray scattering experiments. Physical Review B, 2016, 93, .	3.2	22
8	Percolation theory and quantum critical systems: A new description of the critical behavior in $\text{Ce}(\text{Ru}_{0.24}\text{Fe}_{0.76})_2\text{Ge}_2$ . Journal of Applied Physics, 2014, 115, 17E110.	2.5	5
9	Modified Percolation Theory and Its Relevance to Quantum Critical Phenomena. Journal of Modern Physics, 2014, 05, 649-660.	0.6	5
10	Magnetic excitations in the spinel compound $\text{Li}_x\text{Mn}_{1-x}\text{Fe}_2\text{O}_4$ . Physical Review B, 2010, 81, .	3.2	7
11	The search for quantum critical scaling in a classical system. Journal of Applied Physics, 2009, 105, 07E322.	2.5	3
12	Magnetic ordering in the spinel compound $\text{Li}[\text{Mn}_{2-x}\text{Li}_x]\text{O}_4$ ( $x=0.04$ ). Journal of Applied Physics, 2009, 105, .	2.5	5
13	Comment on "Zero Sound Mode in Normal Liquid $^3\text{He}$ ". Physical Review Letters, 2008, 100, 239601; Ground state of a quantum critical system: Neutron scattering on $\text{CeTl}$ .	7.8	5
14	Physical Review B, 2007, 76, .	3.2	14
15	Kinetic equilibrium time-correlation functions in binary hard-sphere-fluid mixtures. Physical Review A, 1989, 39, 5807-5811.	2.5	6